



## Introduction

Businesses of all sizes need to gain competitive advantage by increasing productivity and efficiency, managing costs and getting the maximum return on investment. Providing mobile and remote workers with access to key business applications delivers higher employee productivity and efficiency by enabling employees to maximise their work time, improving information flows and enabling the business to respond quickly in a dynamic environment.

AccessMyLan Mobile APN access provides a rapid and secure method of connecting any device on a partner mobile network to the office network without installing any client software on the mobile device. Mobile APN access removes the complexity and lead-time of implementing a Private APN with a mobile operator and provides enhanced features such as device authorization, high availability and disaster recovery.

## Technical Overview

Mobile devices are configured with the mobile operator specific APN for AccessMyLan and the user credentials to authenticate with the APN. When the device connects, the AccessMyLan service will authenticate the device based on the credentials provided and authorize access based on the caller-ID of the device. Once authenticated and authorized, the AccessMyLan service assigns an IP address and DNS configuration to the mobile device. The DNS configuration provided is proxied through AccessMyLan to the corporate network DNS server.

## Deployment

When adding a Mobile APN device on AccessMyLan, the device IMSI or phone number is provided and optionally a device specific username and password can be created. As there is no client software required on the remote device, deployment simply involves the configuration of the device with the AccessMyLan APN and login credentials. AccessMyLan supports over-the-air configuration of APN and login credentials by SMS message on selected mobile handsets, further reducing the deployment effort.

In the professional services environment what counts most is secure reliable access. From the users perspective AccessMyLan delivers this in a standard format across a wide range of devices

- T. McGovern



For a 15 Day Trial visit

[www.accessmylan.com](http://www.accessmylan.com)

Asavie Technologies Limited  
24 Herbert Lane, Dublin 2  
Ireland

e: [sales@accessmylan.com](mailto:sales@accessmylan.com)  
w: [www.accessmylan.com](http://www.accessmylan.com)  
USA : +1 866 576 9266  
UK : +44 158 263 5013  
Int: +353 1 676 3585

## Usage Scenarios

### Mobile Device Compliance

Controlling Internet access from mobile devices such as handsets and mobile broadband modems poses a significant challenge. With Mobile APN, mobile devices can be configured to only permit connections to the AccessMyLan APN by disabling all other APNs on the device SIM. Devices can then access the Internet through the office network infrastructure and be subjected to the same logging and access controls as desktop users in the office. This approach removes the need to deploy and manage client side access control tools and prevents the SIM being used in other devices for Internet access.

### Private APN Alternative

AccessMyLan Mobile APN removes many of the barriers and challenges associated with implementing a Private APN with an operator. The service does not require any of the hardware, private data circuits or additional security infrastructure associated with a Private APN implementation. Mobile APN is available on-demand without any delays and includes high-availability and disaster recovery features that would be complex and expensive to implement on a Private APN. Features which are provided as standard with AccessMyLan Mobile APN, such as device authorization by Caller-ID and session logging, are not provided by a standard Private APN and would have to be implemented by the customer.

### Mobile Routers for WAN Access

Mobile APN supports the use of mobile routers to connect a remote location to the office network. With the mobile router configured as a Mobile APN client, all devices connected to the router have access to the main office network with total transparency of DNS and routing. The mobile router can also be used as a wireless backup to a fixed-line WAN connection such as MPLS or DSL by configuring the WAN router to failover to the mobile router in the event of a fixed-line failure.